**Code 10 report**

I decided to analyze the top fifty burger restaurants around El Paso and see which restaurants are highly successful based on the type of reviews posted and the correlation it has to the rating. To find validity within the data I decided to create a pivot table to look at the rating compared to total reviews. I then decided to pick out the restaurants with different ratings and a high review count as my sample size for my dataset. With this data we are able to see the reviews for each restaurant and how it compares to their overall rating.

Graphical user interface, application, table, Excel

Description automatically generated Graphical user interface, application, table, Excel

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**Variables for text files based on ratings**

Text

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By creating variables, we can see the reviews for each restaurant based on their rating and as a result we are able to make comparisons. The best way to analyze the reviews is to look at descriptive words to see what are the pros and cons that these customers find in these restaurants. In addition to validate each review we want to look at the statistical measure by looking at the sentiment for each review by observing the sentiment score where we can see the ratio of negative to positive aspects of the restaurants review and the overall calculated sentiment score. A screenshot of a computer

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After analyzing the review for each section of the restaurants rating it was found that the restaurants with a rating of 4.5 had the most significant information about burgers and details what makes such an item special to a specific restaurant observing key words such as “spices” “specialty items”, “Fresh”, and most importantly “flavor”. Another huge contribution relating to the rating of these restaurants was the atmosphere where there were key words such as “Family friendly,” “Smell,” “Staff,” “Service”,” promotions.” Analyzing the reviews, overall customers want burgers that are authentic with the addition of variety to several types of burgers such as green chili burgers. As far as the sentiment score, every set of reviews shared similar scores besides the restaurant with a 2.5 rating where the score was significantly low.